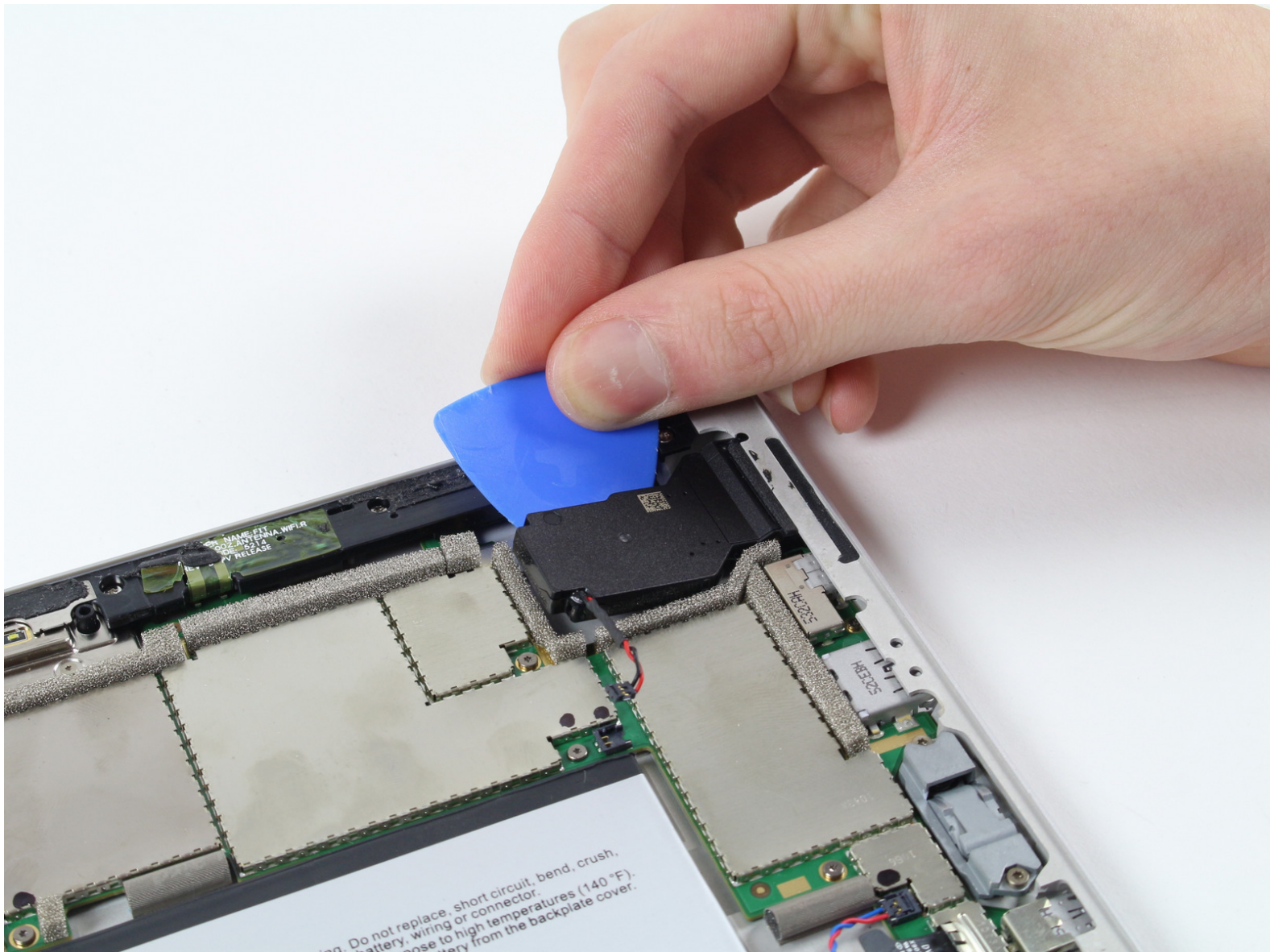




# Microsoft Surface 3 Speaker Replacement

This guide will show you how to replace the speakers in the Microsoft Surface 3.

Written By: Andy Stone



## INTRODUCTION

In order to replace the Surface 3 tablet's speakers you will have to remove the casing, undo the adhesive that holds the speakers down, and disconnect the speakers from the motherboard.

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### TOOLS:

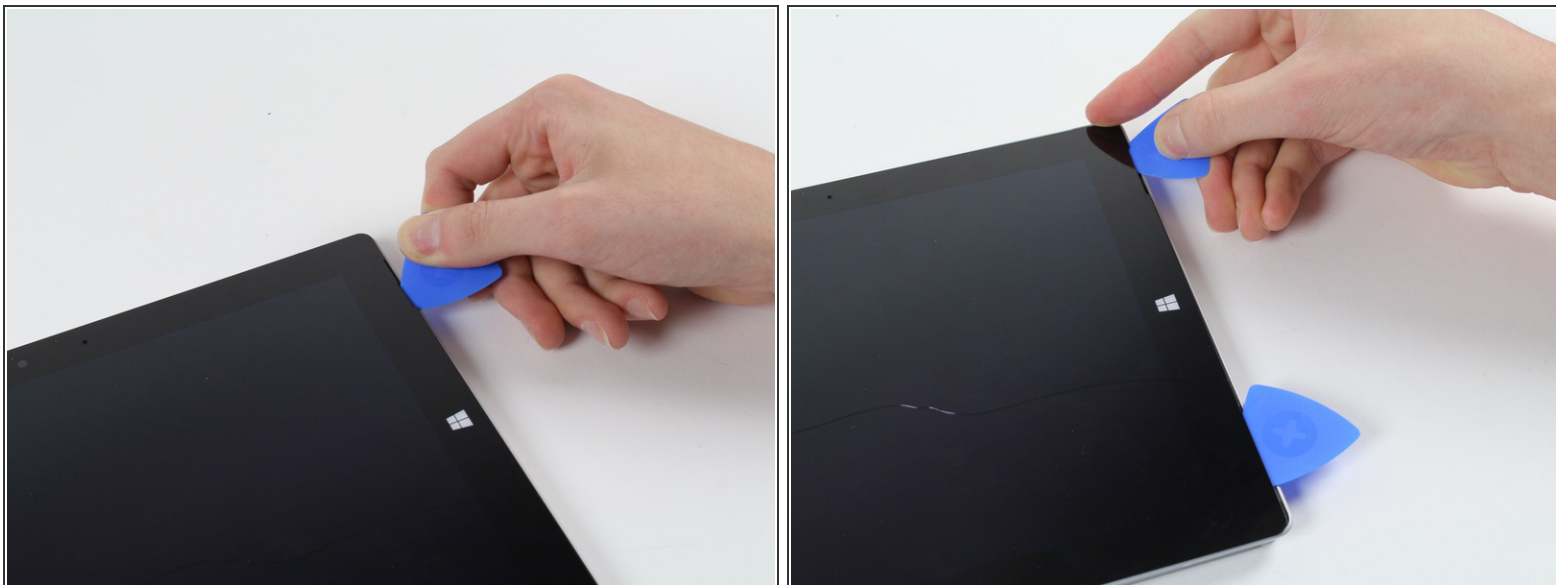
- [iOpener Kit](#) (1)
  - [Microwave](#) (1)
  - [iFixit Opening Picks set of 6](#) (1)
-

## Step 1 — Casing



- Warm up an iOpener following the instructions found in the [iOpener guide](#).
- Place the warm iOpener on top of the edges of the screen. This heat will weaken the strength of the adhesive between the display and body.

## Step 2

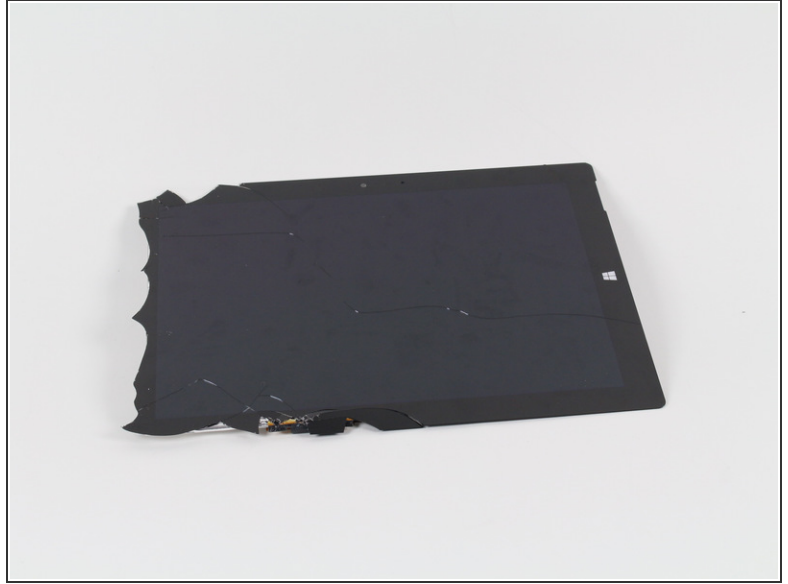
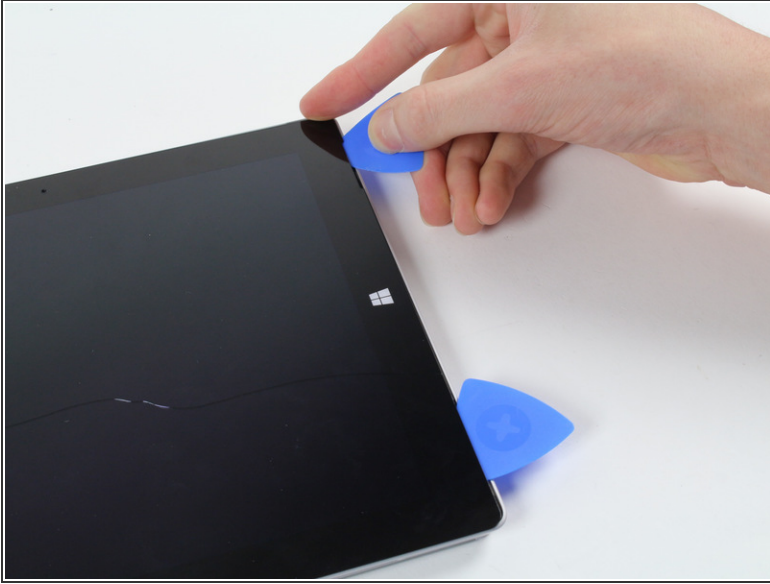


- Use iFixit opening picks to wedge under the edge of the screen at the speaker port.

*ⓘ This may take significant force. A fingernail might work better for the initial lift*

*⚠ If you push straight down near the edge you will go through the speaker mesh and possibly end up damaging your speaker; try to push the pick in at a shallow angle.*

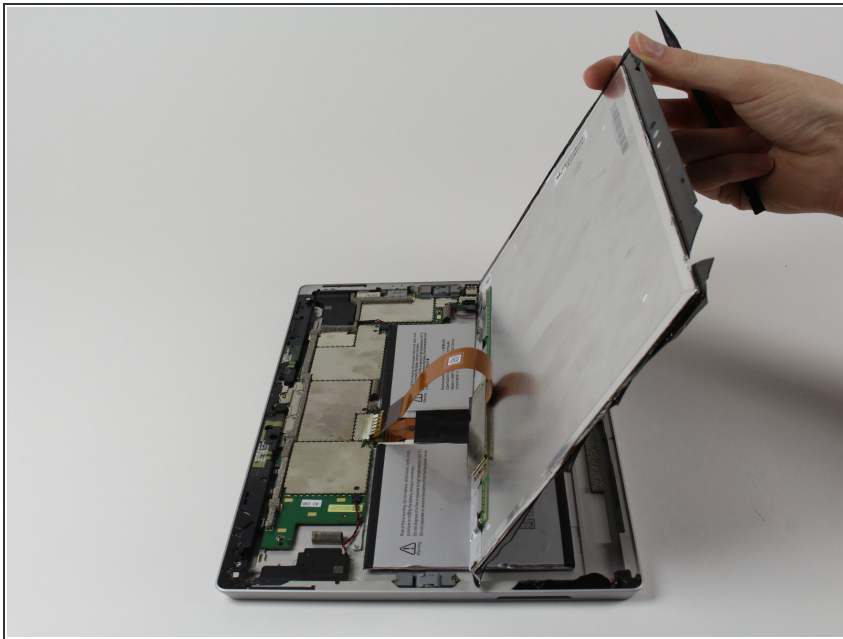
## Step 3



- Carefully try to work your way around the device using the picks, reapplications of the heated iOpener, and luck.
  - ⓘ If you break the glass on one side you might want to try again starting from the other side so that you have a clean, unbroken, edge on that side.
- ⚠ While the glass on this display is not particularly sharp when broken, it is still broken glass and you should be careful with it.



## Step 4

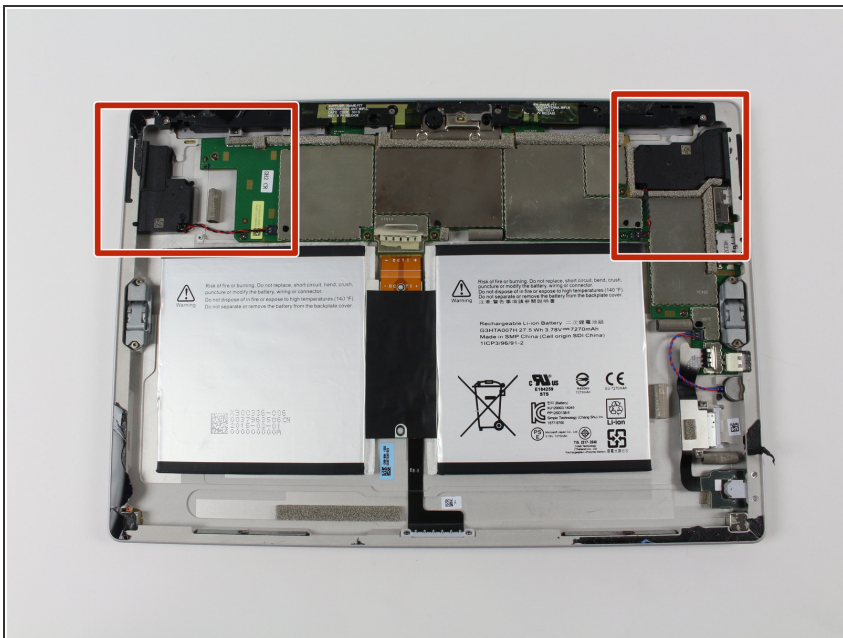


- Flip the display over so that parts underneath it are easily accessible.

⚠ Do not pull out the display as it is still attached to the motherboard.

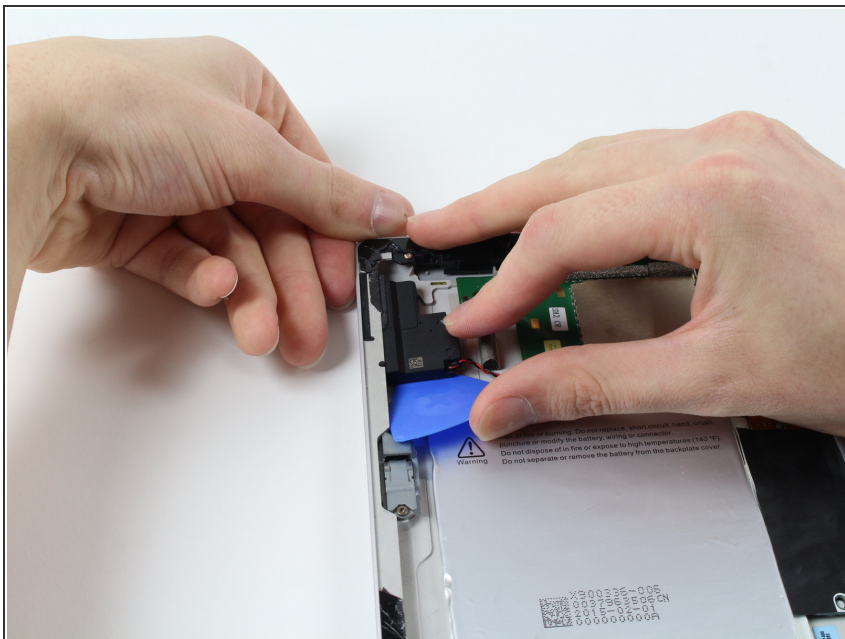
ⓘ If you are replacing the display, or want it out of the way, continue with the [display replacement guide](#) steps.

## Step 5 — Speaker



- You will be working in these areas of the Surface 3 in order to replace the speakers.

## Step 6



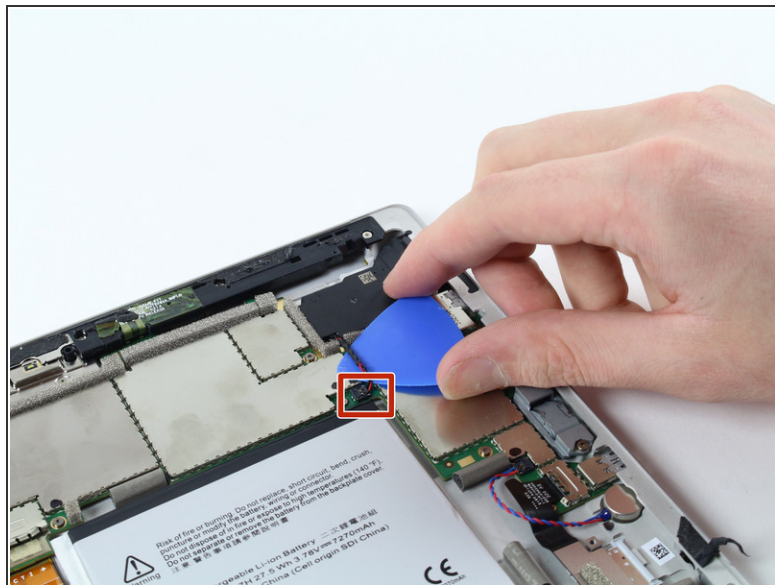
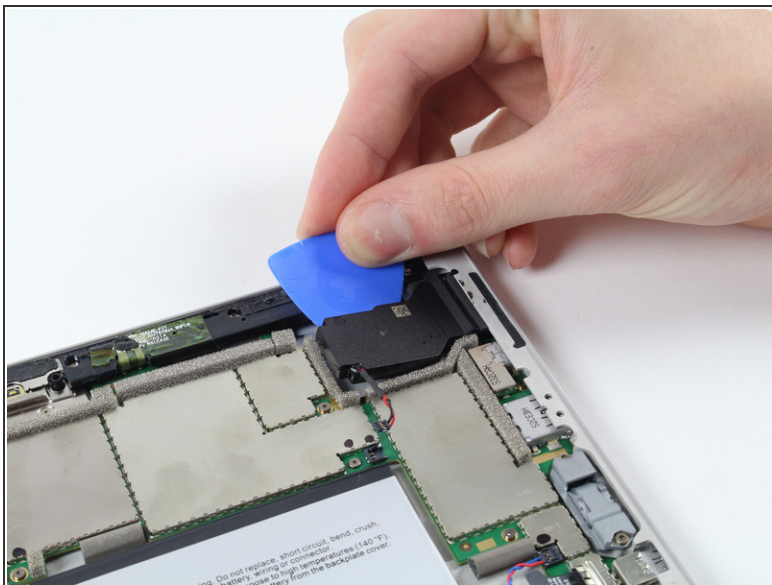
- Use a pick to get under the speaker part and undo the adhesive that keeps it attached to the back casing.

## Step 7



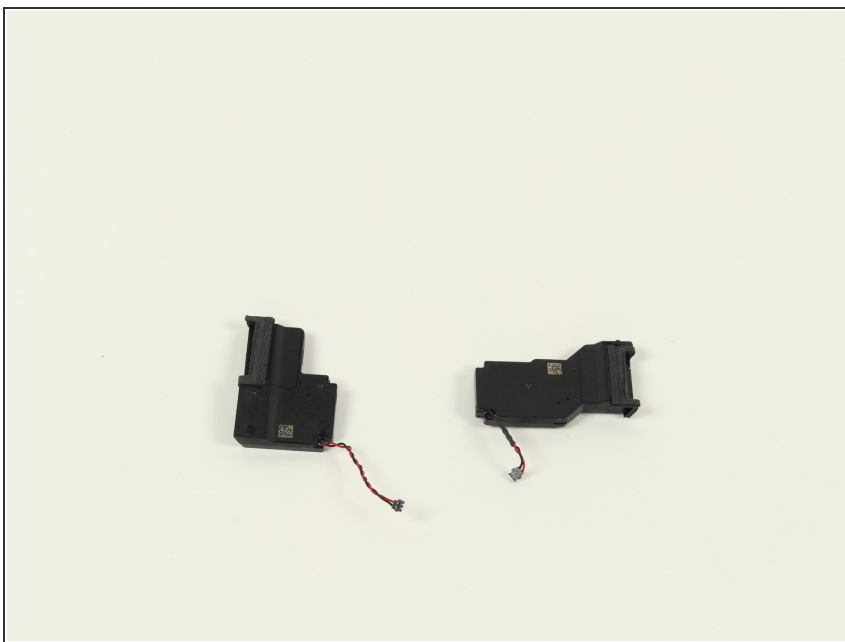
- Use the pick to gently lift on the red and black wire in order to dislodge the connection between the speaker wire and the motherboard.

## Step 8



- Repeat the same steps for the second speaker.

## Step 9



- Simply replace the old speakers by snapping the new speakers into place and connecting the red and black wire to the motherboard.

To reassemble your device, follow these instructions in reverse order.

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